

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/DK2004/000910

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J19/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/42209 A (TAKEDA CHEMICAL INDUSTRIES, LTD; SUGAWARA, TOHRU; KATO, SHINJI; MIWA,) 26 August 1999 (1999-08-26)	1-75, 86-99, 104-151 100-103
Y	abstract page 4, line 21 - page 8, line 3 page 9, line 9 - page 10, line 23 page 11, line 6 - page 11, line 21 page 13, line 16 - page 14, line 11 page 15, line 5 - page 17, line 14 figures 1,2 page 18, line 11 - page 19, line 2 page 20, line 6 - page 21, line 22 page 24, line 10 - page 25, line 4 figures 4,5 ----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"Z" document member of the same patent family

Date of the actual completion of the international search

21 April 2005

Date of mailing of the international search report

07 APR 2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2010. Tx. 3: 651 epo nl.  
Fax: (+31-70) 340-2016

Authorized officer

Koch, A

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/DK2004/000910

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
1	X WO 03/047742 A (HTE AKTIENGESELLSCHAFT THE HIGH THROUGHPUT EXPERIMENTATION COMPANY; SC) 12 June 2003 (2003-06-12) page 14, line 24 - page 18, line 28 page 20, line 9 - page 20, line 28 page 22, line 18 - page 23, line 15 page 26, line 22 - page 27, line 19 page 31, line 25 - page 32, line 18 page 43, line 4 - page 44, line 31 page 48, line 4 - page 51, line 31 page 54, line 5 - page 54, line 11 figures 9,16	1-75, 86-99, 104-151
8	P,X WO 2004/052529 A (HTE AKTIENGESELLSCHAFT THE HIGH THROUGHPUT EXPERIMENTATION COMPANY; ZE) 24 June 2004 (2004-06-24) page 7, line 15 - page 7, line 28 page 9, line 20 - page 9, line 23 page 10, line 6 - page 10, line 22 page 12, line 9 - page 13, line 6 page 13, line 16 - page 14, line 27 page 15, line 22 - page 16, line 23 page 18, line 5 - page 20, line 31 page 23, line 4 - page 23, line 23 page 25, line 7 - page 26, line 5 page 27, line 29 - page 29, line 1 page 36, line 23 - page 39, line 22 page 43, line 8 - page 44, line 30 page 46, line 28 - page 47, line 4	1
14	Y WO 99/37814 A (LUMINEX CORPORATION; CHANDLER, MARK, B; CHANDLER, DON) 29 July 1999 (1999-07-29) page 5, line 3 - page 5, line 5	100-103
1	A WO 98/24549 A (SMITHKLINE BEECHAM PLC; MARLOW, JOHN, BARRY; PALLETT, MARK, JEFFREY; L) 11 June 1998 (1998-06-11) page 3, paragraph 3 - page 5, paragraph 2 page 6, line 14 - page 6, line 24 page 9, line 10 - page 9, line 25 figures 1,2,4,5	1-75, 86-151
1	A US 6 083 682 A (CAMPBELL ET AL) 4 July 2000 (2000-07-04)	

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/DK2004/000910

### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  
1-75,86-151

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.  
☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-75,86-151

Apparatus for measuring a plurality of optically detectable beads and related methods

---

2. claims: 76-85

Method for recording individual reaction steps

---

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK2004/000910

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9942209	A	26-08-1999	JP 11235536 A AU 2638899 A WO 9942209 A1	31-08-1999 06-09-1999 26-08-1999
WO 03047742	A	12-06-2003	DE 10159189 A1 AU 2002352036 A1 WO 03047742 A2 EP 1453601 A1 US 2005143934 A1	26-06-2003 17-06-2003 12-06-2003 08-09-2004 30-06-2005
WO 2004052529	A	24-06-2004	DE 10257780 A1 AU 2003293830 A1 WO 2004052529 A2	08-07-2004 30-06-2004 24-06-2004
WO 9937814	A	29-07-1999	AT 239801 T AU 2464299 A CA 2318779 A1 DE 69907630 D1 DE 69907630 T2 EP 1049807 A1 HK 1028423 A1 JP 3468750 B2 JP 2002501184 T WO 9937814 A1 US 6268222 B1	15-05-2003 09-08-1999 29-07-1999 12-06-2003 26-02-2004 08-11-2000 29-08-2003 17-11-2003 15-01-2002 29-07-1999 31-07-2001
WO 9824549	A	11-06-1998	WO 9824549 A1 EP 0942782 A1	11-06-1998 22-09-1999
US 6083682	A	04-07-2000	AU 1926499 A EP 1069940 A1 WO 9932219 A1 US 6168914 B1	12-07-1999 24-01-2001 01-07-1999 02-01-2001